EXECUTIVE SUMMARY

As with other government agencies, the Texas Department of Human Services (DHS) has become increasingly dependent upon automation and information systems. DHS' Management Information Systems (MIS) division operates a complex and sophisticated information resource network that supports service delivery throughout all of Texas. This support is provided in a variety of forms including systems development, data networking and computer operations. MIS provides information technology (IT) services to not only DHS and Health and Human Service (HHS) agencies, but to other state agencies and many hospitals and hospices throughout the state as well.

It is the mission of DHS' MIS division "to provide high quality, cost effective and efficient information resource technology products and services that support our customers." The information included in this Information Resources Strategic Plan (IRSP) is reflective of MIS' commitment to this mission and the mission, goals and objectives of DHS. It also shows MIS' commitment to work with other agencies in an effort to meet the goals and objectives of the Health and Human Services Commission (HHSC) and the Department of Information Resources (DIR) as well.

Communications technologies make it possible for citizens to access government services directly. This change in how information is delivered to the public has led to new roles for government employees.

Information included in this document covers a five-year period from FY2001 through FY2005. It builds upon information provided in DHS' most recent Legislative Appropriations Request (LAR) and Agency Strategic Plan, the MIS Business Plan, and DHS' Strategic Plan for Information Resources Management (Fiscal Years 1999 – 2003). In its previous IRSP, DHS identified several challenges. Many of these items, including the following, remain as challenges for the agency:

- ❑ *Quality and Accessibility* - How does MIS best improve the quality of its services and accessibility to agency information to both internal and external customers;

- ❑ *Interagency Coordination* - How does MIS, through the standardization of automation tools, serve as an effective catalyst for increasing interagency coordination and building public/private partnerships;

- ❑ *New Technologies* - How does MIS ensure timely and efficient replacement of old automation systems with new tools and technologies in order to meet the future need of all its customers;

- ❑ *Staff Retention* - How does MIS recruit and retain skilled technical staff to support and implement its automation programs; and

❑ ***Budgetary Constraints*** – How does MIS meet all of these challenges and more while at the same time cutting expenditures to meet budgetary constraints.

The following information attempts to address these challenges by reflecting upon DHS' current IR environment. Subject matter in this document ranges from organization and personnel issues, to automation policies and practices, to telecommunication infrastructure, to major databases and applications utilized, to interagency data needs.

ORGANIZATION AND PERSONNEL

ORGANIZATION
The current MIS organizational structure divides staff and the services they provide into two main areas:

- ❑ **Staff (Internal Support)** – Management Services, Architecture Management and Quality Management Services; and

- ❑ **Operations/Production (External Support)** – Project Management Support, Production Services, Enterprise Testing, Systems, Telecommunications Support and Enterprise Services.

This system of organizational structure allows MIS to effectively serve both internal and external customers. "Staff" or "internal support" provides administrative/management support to all MIS personnel. Staff is also responsible for the planning and budgeting for interagency projects. "Operations/production," or "external support," areas are the backbone of the organization providing for the development and maintenance of DHS' IT environment (applications and infrastructure).

As a member of the agency's executive management, the MIS Deputy Commissioner gives valuable information to other executives regarding how automation technology can best serve the agency's business needs. The MIS Deputy Commissioner also serves as the agency's Information Resource Manager (IRM).

POLICIES
The MIS division adheres to all state and federal regulations relating to salary administration and employment provisions. It is committed to ensuring a work place free of discrimination, harassment and intimidation.

PRACTICES

As with most governmental entities, the DHS MIS division is faced with the issue of how best to recruit and retain skilled technical staff. Rapid growth and expansion in the high tech industry has created a tremendous demand for highly skilled IT professionals. This demand coupled with a booming economy has driven up salaries to a point where it is difficult for governmental entities to compete with the private sector for qualified and experienced professionals. In an effort to combat the high rate of turnover, MIS works closely with DHS' Human Resources staff to increase the recruitment and retention of a highly skilled and diversified staff. Specifically, DHS:

- ❑ *Salaries* - Attempts to keep salaries within 15% of market prices through adjustments and bonuses;

- ❑ *Benefits* - Emphasizes non-financial benefits of working for the state;

- ❑ *Recruitment* - Recruits staff from less traditional employment pools, such as retirees, former stay-at-home parents, and non-college-bound students;

- ❑ *Perks* - Offers attractive job perks, such as telecommuting, flexible hours, part-time employment, on-site college credit classes and educational opportunities; and has

- ❑ *Training* – Participates in the Texas IT Academy, an apprenticeship program for training non-technical staff to be state IT employees.

OTHER PLANNING COMPONENTS

In an effort to better identify its long-term automation needs, MIS facilitated a series of automation planning sessions during January and February of this year (2000). Ten different working sessions were held with program representatives from throughout the agency. Participants were asked to discuss and assess both current and future automation needs of DHS.

COMMON NEEDS

Several common themes, or areas of need, developed as a result of these discussions. They are:

- *PC and Printer Replacement* - Current PC memory and processing capabilities do not allow DHS to take full advantage of current technology. A regular replacement schedule that will allow the agency to keep up with industry standards is needed to avoid long-term performance and maintenance issues.

- *Disk Space and Network Capacity* - To take advantage of currently available software that give staff more capability, DHS will need more disk storage space and higher network bandwidth.

- *Videoconferencing Equipment/Facilities* - Videoconferencing would allow for more interactions between clients, staff, and other governmental entities without incurring additional travel costs. It would also facilitate the dissemination of consistent information across various populations.

- *Software Standards* - A need to convert a variety of documents from one software to another is time-consuming; and hence, costly to the agency. Consistent use of office automation software packages would reduce training needs, improve communications and simplify support.

- *Web Development* - As the public's demand for information grows and Web capabilities increase, the agency will be able to use this technology as a means to effectively interact with its customers and disseminate more information. DHS is currently planning for additional transmission capability and security measures to meet the needs of this growing technology.

- *Disaster Recovery and Business Continuity* - As the agency becomes more dependent on automation, disaster recovery needs will increase. Prioritization of these needs, both current and future, are based upon extensive customer input.

POTENTIAL "DRIVERS"

In the course of discussions, participants were also asked to identify external "drivers," elements that could impact DHS' automation system. Although several items were brought forth for discussion, three main areas were identified as having a potential to impact the automation system. These "drivers" or potential elements of change are:

- ❑ ***State Legislation*** - DHS' automation systems could be impacted by changes in how the State of Texas defines various programs' "eligibility" standards. Increased consolidation of agency programs (one-stop service) would also impact automation needs.

- ❑ ***Service Delivery Specifications*** - Interagency consolidation of services will increase the need for data sharing capabilities. A more customer service oriented system of delivery will also increase the need for better access to agency data services; in particular, the need for greater public access to information regarding agency programs and services via the Internet.

- ❑ ***Technology*** - The rate of technological change is increasing. The technological obsolescence cycle is becoming shorter than DHS' planning cycle, requiring additional flexibility in the agency's automation planning processes.

- ❑ ***Changes in Client Demographics*** - The State's aged population is projected to continue to grow well into the 21st Century. More people will be in need of a variety of health and human services. The population of Texas as a whole is also continuing to grow, and is becoming more and more reliant upon technology for day-to-day information and services. Hence, the demands on DHS for computing and networking services will continue to grow.

CONCLUSION

DHS MIS is committed to meeting the challenges of an ever-changing population and industry. Throughout the development of DHS' Legislative Appropriations Request (LAR) and updating of the MIS Business Plan, MIS will continue to work with both its internal and external customers to ensure the quality, efficacy and responsiveness of the agency's automation system in the future.

TABLE 1 - GOALS, OBJECTIVES and STRATEGIES

In addressing both current and future concerns, DHS has striven to ensure that its goals and objectives are congruent with those set forth by the Governor for health and human services in *Vision Texas*, by the Texas Legislature in the *General Appropriations Act – 76th Legislature Regular Session*, and by HHSC in the *Texas Health and Human Services Coordinated Strategic Plan.* At the same time, MIS has worked to develop a tangible set of goals, objectives and strategies that are in keeping with the overall goals and objectives of DHS as presented in its agency strategic plan and of DIR as presented in *Texas Connected – Service at the Speed of Light*. The following goals, objectives and strategies are a result of MIS' careful consideration and active collaboration with its many stakeholders, both internal and external.

Item	Description
Goal #1 **ELIGIBILITY / FIT**	**DHS IR Goal:** Enable DHS to best match client needs with available services. **DHS Agency Goals:** Provide appropriate care based on individual needs. Encourage self-sufficiency, safety and long-term independence from family violence for adult victims and their children. Establish and carry out policies that provide equitable access to agency programs and employment. **DIR State Goal:** Texas state government's acquisition, use and management of information resources will be driven by customer needs.
Objective	**DHS IR Objectives:** Identify appropriate resources based on client needs. Streamline the determination of client eligibility for benefits and services.
Strategy	**DHS IR Strategies:** Develop Information & Referral (I&R) services to answer client questions and locate needed services. Integrate DHS eligibility determination processes into a single automated system.

Item	Description
Goal #2 **INFORMATION**	**_DHS IR Goal:_** Empower clients, DHS staff, providers, and partners with easy access to well organized, accurate, and timely information. **_DHS Agency Goal:_** Establish and carry out policies that provide equitable access to agency programs and employment. **_DIR State Goal:_** Texas state government will deliver seamless, integrated government services to citizens through coordinated, statewide information resources.
Objective	**_DHS IR Objectives:_** Improve public access to DHS information. Support online information exchange with business partners. Improve timeliness and availability of DHS operational information.
Strategy	**_DHS IR Strategies:_** Provide Internet access to DHS policies, rules and regulations. Improve access to external data brokers. Implement tools that manage the information needed by management to make strategic and operational decisions.

Item	Description
Goal #3 **QUALITY / FRAUD**	**_DHS IR Goal_:** Improve the quality of services provided and reduce the risk of incorrect or inappropriate eligibility and benefit decisions. **_DHS Agency Goals_:** Provide appropriate care based on individual needs. Promote self-sufficiency and long term independence from public assistance. Establish and carry out policies that provide equitable access to agency programs and employment. **_DIR State Goal_:** Texas state government will ensure the privacy, security and historical integrity of the information managed by the state.
Objective	**_DHS IR Objectives_:** Streamline the regulation of long-term care facilities. Recognize patterns of fraud and abuse.
Strategy	**_DHS IR Strategies_:** Implement the Health Care Facility Quality Reporting System. Replace the current Long Term Care Regulatory systems. Implement a Direct Care Registry system. Implement risk-lowering technologies.

Item	Description
Goal #4 **EFFICIENCY / SPEED**	**DHS IR Goal:** Simplify operations and eliminate delays in the determination and issuance of benefits, service authorizations and payments. **DHS Agency Goals:** Provide appropriate care based on individual needs. Establish and carry out policies that provide equitable access to agency programs and employment. **DIR State Goal:** Texas state government will deliver seamless, integrated government services to citizens through coordinated, statewide information resources.
Objective	**DHS IR Objectives:** Streamline the delivery of client benefits, services and provider payments. Streamline provider payments.
Strategy	**DHS IR Strategies:** Eliminate the paper Medicaid Identification (ID) Card. Expand the use of Electronic Benefits Transfer (EBT) for the delivery of client benefits. Investigate new methods of gathering client data and making client payments. Expand the automated Claims Management System (CMS).

Item	Description
Goal #5 **ACCOUNTABILITY**	**DHS IR Goals:** Improve levels of performance monitoring and accountability. **DHS Agency Goals:** Establish and carry out policies that provide equitable access to agency programs and employment. Establish and carry out policies governing purchasing that fosters meaningful and substantive inclusion of historically underutilized businesses (HUBs). **DIR State Goals:** Texas state government will enhance the performance of its agencies' mandates, missions and core competencies through appropriate application of information resources.
Objective	**DHS IR Objectives:** Expand public access to agency performance reporting. Validate reported performance measure outcomes.
Strategy	**DHS IR Strategies:** Expand Internet access to agency performance reporting. Implement computer-assisted auditing tools.

Item	Description
Goal #6 **INFRASTRUCTURE**	**DHS IR Goal:** Simplify and streamline the business functions and automation infrastructure that supports the DHS mission. **DHS Agency Goals:** Provide appropriate care based on individual needs. Establish and carry out policies governing purchasing that fosters meaningful and substantive inclusion of historically underutilized businesses. **DIR State Goal:** Texas state government will enhance the performance of its agencies' mandates, missions and core competencies through appropriate application of information resources.
Objective	**DHS IR Objective:** Improve agency administrative effectiveness. Ensure business continuity capabilities for critical information systems. Facilitate easier, faster and more cost-effective integration of new applications and technologies to meet agency business needs.
Strategy	**DHS IR Strategies:** Replace the existing administrative systems with commercial off-the-shelf software. Replace obsolete equipment on an ongoing basis. Reduce dependency on proprietary products by moving systems/services to open architectural platforms. Expand disaster recovery services to improve protection and recovery capabilities related to data, hardware and software. Develop, implement and manage a standard technical architecture that enables data sharing in a rapidly changing environment. Improve project management methods. Establish an adequate test environment for both unit and systems integration testing of new applications. Integrate new hardware and software (i.e., Windows and video conferencing) to support changing business needs.

TABLE 2 – INFORMATION RESOURCES POLICIES & PRACTICES

Category	_Brief Summary/Overview_
IR Priorities	To maintain agency executive involvement in automation planning and allow more participation by MIS customers in the implementation of the agency's automation plans, DHS uses a MIS Steering Committee. The DHS Executive Deputy Commissioner chairs the committee, which is composed of several DHS executive staff members. The MIS Steering Committee meets monthly to consider automation needs to support the agency's strategic initiatives.
IR Planning Methodology	The MIS Planning and Policy Management Section is responsible for taking the lead on all IR planning. Policy and Planning Management staff (PPMS) meet and work with other staff and management throughout the agency to gather information regarding their specific needs. This information is then incorporated into a variety of planning tools/elements and distributed to agency management for review and final approval.
Operating System	Operating systems standards currently in place for DHS' mainframe, servers, and workstations are published in an in-house document entitled _Information Systems Architecture_, July 1999 and can be accessed at: http://www.programs/TIERS/downloads/enterprise/index.htm

Category	Brief Summary/Overview
Development Methodology	The MIS Systems organization has developed a customized project development framework, called the Customer Centered Methodology (CCM). CCM is a high-level outline of the essential steps and deliverables for all sizes and types of DHS automation projects. The CCM includes references to Institute of Electrical and Electronics Engineers (IEEE) standards, uses IEEE-based templates to format key documents and includes deliverables unique to DHS. The CCM provides a management level view of how to conduct projects by listing required deliverables with their individual review and control points. The Client/Server Development Framework is an in-house deliverable-driven framework for the design and delivery of complete technical solutions (integrated applications, network services and database services) to support agency business functions. The framework is a DHS customized collection of industry standards that outline the processes, work products and tools used on DHS client/server projects. Iterative, object-oriented life cycles appropriate to guide architecturally based two-tier and three-tier client/server and web-based system development define the flow of work.
Software Audit and Management	Any audit or management of software within DHS is done manually by inspection of procurement records or by inspection of the hardware (mainframe, file server, or workstation). DHS is currently assessing the benefit(s) of utilizing an automated tool to enhance and streamline its ability to audit installed software as well as track and manage software licenses within the agency.

Category	Brief Summary/Overview
Quality-Assurance Practices	Quality Management Services (QMS) performs several specific functions to help MIS develop stable processes and deliver products and services that meet or exceed our customers' needs. These include: • Developing and maintaining the MIS Quality Assurance Plan; • Performing software and project audits, reviews, inspections, walk-thrus and evaluations; • Providing coaching on industry standards and best practices to project managers; • Tailoring global standards (e.g., IEEE) and good practices (e.g., SEI-CMM) to MIS unique needs and distributing those products; • Managing the MIS continuous process improvement effort; • Leading a culture change to institutionalize the concepts of Total Quality Management; and • Ensuring that quality requirements are included in all software acquisitions. DHS is currently in compliance with all DIR guidelines for quality management.
E-Government	DHS' MIS Division is currently monitoring the Electronic Government Task Force's activities regarding the use of the Internet for the acceptance of public information forms and payments. With the issuance of the Task Force's final report (November 2000), DHS will begin planning how best to incorporate findings/recommendations from the report into daily business practices. It should be noted that because many of the public programs DHS administers are federally funded and/or stipulated, DHS may be required to seek federal waivers for policies regarding requirements for receipt of original signatures.

Category	Brief Summary/Overview
Change Control	Change management is a tool to manage risk. As such, change management is a supporting process for project management and process management. Change management provides a process for communication and coordination between automation customers and MIS to ensure that automation products and services satisfy the customer's business needs and meet additional standards. These standards are: • **Schedule Implementation** must not conflict with other product implementations or create unsupportable workloads on personnel and/or equipment; • **Coordination** of automation users, customers, and primary support groups, as well as other products and services that might be affected by change; • **Formal Testing** of all automation products and services; • **User Documentation and Training** is to be provided to the user in ample time to allow them to be fully prepared to use a new product or service; and • **Support Documentation and Training** is to be provided to the supporting organization in time to allow its staff ample time to be prepared to support the implementation and continued use of a product or service. MIS is currently using a software package entitled CCC/Harvest to perform software configuration management (SCM) activities. This software package provides version control, monitoring and reporting capabilities. MIS has also established change management control (CMC) policies and procedures to address implementation of new projects, systems and applications.

Category	Brief Summary/Overview
Security	DHS is in compliance with both state and federally published standards for information resources. The agency completed and documented an Information Security Risk Analysis in 1995. The resulting report contains information regarding: • Facility and System Description; • Analysis Methodology; • Asset Identification; • Threat Identification; • Vulnerability Assessment; • Risk Determination; • Safeguard Identification; and • System Improvement Recommendations.
Geographic Information Systems	Currently, DHS has not developed any Geographical Information System (GIS) data sets or applications; however the agency purchases and uses commercially produced GIS software applications and accompanying GIS data sets, such as census and zip code geography, Texas county boundaries, and state demographics. All data produced by the agency, such as program statistics, are in standard formats that can be readily used by both the agency's GIS facility and facilities from other state agencies, and support Texas Geographic Information Council (TGIC) goals.

Category	Brief Summary/Overview
Disaster Recovery/ Business Continuity Planning	DHS/MIS strives to maintain full compliance with TAC 213.b as administered by DIR. Information systems/ applications' recovery priority is determined by executing an Application Impact Analysis (AIA) for each system. The critical applications are placed within the appropriate recovery window that minimizes impacts upon clients, service providers, and agency administration. Recovery windows are 0 to 48 hours, 3 to 7 days, and 7 to 30 days. The MIS Executive Steering Committee reviews and approves the recovery sequence within each recovery window.

Recovery requirements for applications processing and/or network services performed for other agencies are incorporated in inter-agency Memorandum of Understanding and Cooperative Performance Standards agreements.

The DHS contract with Unisys Corporation for a recovery facility in South Austin expired on March 31, 2000. DHS has entered into an agreement with Northrup Grumman, via the DIR contract, to provide Disaster Recovery/Business Continuity Planning (DR/BCP) services for critical production mainframe applications. DHS MIS also maintains an interagency agreement with DIR for use of the Austin North Loop Disaster Recovery and Operations Center as the agency's recovery command center.

DR/BCP priorities for applications have been set based upon mission critical functions and priorities, with extensive customer involvement and input. These priorities were re-confirmed in the planning and execution of the Y2K crossover. Later this year, additional provisions will be made to provide DR/BCP capabilities for critical client/server applications. Also, additional backup network capability will be moved to the WTDROC facility later this year. |

Category	Brief Summary/Overview
Resource Use	The Health and Human Services Consolidated Network (HHSCN), which DHS MIS operates, provides electronic voice and data communication services to DHS and other state agencies for gathering and transferring information. This system includes telephony services (voice and facsimile) and data communication services (electronic mail, file transfer, and database access). Currently, DHS uses TDH's video conferencing facilities; and, post the promulgation of DIR standards, DHS has not acquired any new video conferencing resources. DHS is committed to standards-based communications and will continue to adhere to all applicable standards as they apply to the purchase of video conferencing equipment/resources.

MIS staff are working in conjunction with the HHSC Video Conferencing Workgroup to identify the technology, equipment, standards and bandwidth requirements for a standardized video conferencing solution among the participating HHSC agencies. Video conferencing is a service that DHS will offer to its internal and external customers via the HHSCN. This has been identified as an initiative for the FY2002-03 LAR. |

Category	Brief Summary/Overview
Contract/ Consultant	DHS currently has a multiple-award contract with three vendors to meet its contracted service requirements. When an MIS manager needs technical services that current staff cannot provide, the manager sends a message to the MIS Purchasing & Contract Management Section (P&CM) outlining the essential factors (e.g., job description, skill requirements, term of engagement) to be advertised to the contract vendors. The vendors respond with resumes of candidates, from which the project manager - after interviewing selected candidates - chooses the most suitable candidate. Should a suitable candidate not be found among the candidates submitted by the Programmer/Analyst-Technician Contract vendors, the requirement is advertised to the Qualified Information System Vendor Catalogue. Consulting Services are defined as "a study conducted for a state agency or advice provided to a state agency under a contract that does not involve the traditional relationship of employer and employee." When MIS needs consultant services, the responsible manager sends P&CM a statement of work and the budget allocated for the procurement. P&CM prepares the necessary documentation, in cooperation with Legal Staff, for a Consultant Services contract. An approved Purchase Requisition is required for both Contract Services and Consultant Services.

Category	Brief Summary/Overview
Information Sharing	Much of the data held by DHS is confidential by law; however, DHS shares client data with other agencies or entities that administer or assist in administering programs that have a statutory right to specific client and programmatic data. DHS provides this data to others in a variety of ways including: • Full access to DHS applications; • Limited access to DHS applications; • Populating common data warehouses such as IDBN (HHSC) or Compass21 ad hoc query platform (TDH); • Real-time transaction updates (EBT and finger imaging outsource vendors); and • Batch file transfers by FTP or tape. Currently, DHS maintains 58 regular external information interfaces; and upon request provides special data files to various entities, as authorized by law, for research and other relevant needs. MIS acts as custodian for all of DHS' data. Decisions regarding data access are made by the individual data "owners" including a variety of DHS programs, TDH Health Care Financing and HHSC State Medicaid Office. MIS Customer Communications takes the lead in ensuring that data is made available to authorized users. If requests are received that require a policy determination, Customer Communications obtains a decision from the appropriate owner of the data. Customer Communications is also responsible for the development of contracts for data exchange. These contracts include security and confidentiality provisions developed by the DHS Office of General Counsel.

Category	Brief Summary/Overview
Training and Continuing Education	Several factors contribute to determining IT training requirements/needs for DHS MIS staff. These factors include employee development plans, identification of specific skill gaps, platform changes and new production requirements. More generalized IT needs are determined by a group assessment process. Training staff work with the employee, manager and division director to determine an individual's specific needs. Once needs have been identified and agreed upon, training staff will arrange for the employees to receive the training either individually or in a group of other individuals with like needs. This training can be provided with either in-house resources or via an external contract. Special projects, such as TIERS, often specify new hardware/software platforms that require special skill sets. The training needed to produce the specified skill sets is usually identified by Enterprise Services training staff who will then negotiate contracts for the required training. Changes in production requirements and/or volume that require additional training are usually identified by production managers. These managers will compare current skill sets with those needed to meet changes and/or additional production requirements. Training staff then complete any necessary specifications for provision of the required training. All IT training is entered in a training database that includes the employee name, date and cost of the training. The training and education received by employees can be tracked by individual name, organizational unit or division.
Data Center Operations	DHS is in the process of preparing a Request for Offer (RFO) for the outsourcing of mainframe data center services. The agency plans to have a contract in place before the end of FY2000. WTDROC will be made aware of the opportunity to bid for these services.

TABLE 3 - AGENCY PLATFORMS, SYSTEMS and TELECOMMUNICATIONS

The following table contains information on DHS' platforms and systems. Also included with this table are diagrams of the HHSCN WAN backbone, connectivity options and local area network. Other more specific location maps may be found on the HHSCN Web site at http://www.tx.net.

Category	Type	Operating System	Database Management System	Capacity/ Size/ Count	Comments/ Descriptive Information
Mainframe	Unisys 2200/ 900	OS 2200 SB6	DMS, RDMS Unisys Proprietary	2 Physical Mainframes 150 MIPS	MIPS Reflects Internal Measurement
Minicomputer	AT&T, Daly, Dell, NCR, Unisys, Aquanta, Lindsay, Unix & NT	Netware 3.2, HP, Sun Solaris	Sybase	Varies	
Network	See Attached Topology Map				
LAN Servers (Central)	Dell, HP, AT&T, Grid, Unisys, etc.	Netware, 3.12, NT V4.0	N/A	62 (State Office)	Size & Capacity Vary
LAN Servers (Remote)	Dell, HP, AT&T, Grid, Unisys, etc.	Netware, 3.12, NT V4.0	N/A	482	Size & Capacity Vary
LAN Client/ Workstations (Central)	Dell, HP, AT&T, Grid, Unisys, etc.	Win 3.1, Win 95. Win 98, NT 4.0	N/A	2,568	Size & Capacity Vary
LAN Client/ Workstations (Remote)	Dell, HP, AT&T, Grid, Unisys, etc.	Win 3.1 Win 95, Win 98, NT 4.0	N/A	18,665	Size & Capacity Vary
WAN Servers	Dell, Unisys, HP	Netware, 3.12, NT, Bootp	N/A	3 DNS 11 Bootp 2 Mail 2 Web	Size & Capacity Vary
Stand alone PC Workstations	Various	DOS, Win 3.1, Win 95, Win 98, NT 4.0	N/A	Varies / Few	
Internet Service Provider	GSC/CAPNET			N/A	
Shared Network	Health & Human Services Consolidated Network (HHSCN)			N/A	Service provided by HHSCN

TABLE 4 - AGENCY DATABASES

DHS uses two types of database software on the Unisys mainframe: DMS, which is CODASYL or networked, and RDMS, which is relational. On the mainframe, the same program can access both RDMS and DMS data. Therefore, applications can use either or both data models to accomplish their goals. The client/server environment uses relational databases. Using an ODBC product, applications in client/server are also able to access mainframe databases.

The following information identifies and briefly describes all major databases critical to the administration or service of DHS' mission.

Database Name	*REALIGN*
Database Description	Allows CSSS Texas Works caseworkers to electronically realign their caseloads.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	500 Mbytes (shared by ME Realign and CSS Realign applications)
GIS Data Classification	N/A
Sharing	Database is shared with ME Realign application (tables are unique)
Future	No changes in immediate future.

Database Name	*HHSCN CIRCUIT BILLING DATABASE*
Database Description	Documents circuits into the HHSCN by customer for billing. Information is fed into the cost recovery system.
Database System	Inprise Paradox
Estimated Physical Storage Requirements	5 Mbytes
GIS Data Classification	N/A
Sharing	None
Future	No changes in immediate future.

Database Name	**JOB BANK**
Database Description	DHS retrieves job data from TWC and publishes it on the Internet.
Database System	Microsoft SQL Server 6.5
Estimated Physical Storage Requirements	300 Mbytes
GIS Data Classification	N/A
Sharing	Info retrieved daily from TWC via FTP.
Future	No future replacement or retirement plans.

Database Name	**SAVERR**
Database Description	The SAVERR database contains client eligibility data for use in determining client eligibility for services and issuing benefits for those eligible.
Database System	Unisys DMS
Estimated Physical Storage Requirements	24.69 Gbytes
GIS Data Classification	N/A
Sharing	TDH, PRS, TWC, Medicaid providers, OAG, MHMR
Future	Possible integration into the TIERS project.

Database Name	**USPS (AA)**
Database Description	Reporting system for personnel/payroll
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	400 Mbytes
GIS Data Classification	N/A
Sharing	Receives data from the mainframe
Future	Plan to replace current system beginning in FY2001 with PeopleSoft Integrated Administrative System.

Database Name	**_PERSONNEL/PAYROLL - HRMIS (AA, AB)_**
Database Description	Personnel and payroll data for DHS. Primary users are DHS state office and regional personnel staff and Fiscal Division's payroll section.
Database System	Unisys DMS

Estimated Physical Storage Requirements	System Designator Gbytes
	    AA 1.29
	    AB .55

GIS Data Classification	N/A
Sharing	None
Future	Replace with PeopleSoft integrated Human Resource system to comply with Comptroller's mandate to establish an USPS for all state agencies. Plans to replace existing system by beginning of FY2001.

Database Name	**_FMIS (AA, CA & CI)_**
Database Description	Includes General Ledger/Accounts Payable, Cost Allocation, and Comptroller Interface/ Document Tracking.
Database System	Unisys DMS

Estimated Physical Storage Requirements	System Designator Gbytes
	    AC 5.32
	    CA 2.53
	    CI 5.24

GIS Data Classification	N/A
Sharing	Comptroller Interface/Document Tracking - CPA, GSC
Future	Replacement beginning 2001.

Database Name	**CORPORATE (AE, GN, MB, MD, MU, MY & SE)**
Database Description	Includes Fiscal Disbursements, LAN Support—Electronic Mail & Software Distribution, Nursing Homes, Home Community Based Service, Recipient Utilization Control Management System, Community Care, Adult Protective Services [APS], and Social Services Remote Data Entry & Error Correction.
Database System	Unisys DMS
Estimated Physical Storage Requirements	<u>System Designator</u> <u>Gbytes</u> AE .72 GN 1.61 MB .66 MD .60 MU .47 MY 1.19 SE .04
GIS Data Classification	N/A
Sharing	PRS, TDH, and TWC
Future	MB, MD, MY, and SE to be replaced by Service Authorization System/CASE.

Database Name	**ARTS (AH-PROD & AH_REPT) (AH)**
Database Description	Accounts Receivable Tracking System used by fiscal & regional staff. Integrates with RRU and SAVERR.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	AH_PROD = 15.0 Gbytes AH_REPT = 10.0 Gbytes
GIS Data Classification	N/A
Sharing	Interfaces with TWC, Texas Lottery, DPS, Parks and Wildlife
Future	No future replacement or retirement plans.

Database Name	**FISCAL REPORTING (HX, MERGEDB, FISCAL RPT) (CE)**
Database Description	Fiscal reporting system for fiscal data e.g. expenditures etc.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	Hx – 3.0 Gbytes Mergedb – 4.0 Gbytes Fiscal Rpt – 1.0 Gbytes
GIS Data Classification	N/A
Sharing	Receives data from the mainframe.
Future	Replacement beginning 2001.

Database Name	*FTROP (FT)*
Database Description	Treasury Off Set Program – a subsystem of ARTS. Report delinquent client to the USDA.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	250 Mbytes
GIS Data Classification	N/A
Sharing	None
Future	By 2000, will be incorporated into ARTS (AH).

Database Name	*ACQUISITION REPORTING & MANAGEMENT INFORMATION SYSTEM (ARMS) (G9)*
Database Description	Used by Procurement to track purchase request.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	36 Mbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	*MIS COST RECOVERY (GJ)*
Database Description	This system aggregates data from multiple systems to provide billing invoices to customers of MIS services, budget accounting data, federal cost recovery data, and project management information.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	.25 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	*MICROMAN (GR)*
Database Description	Reporting system for Microman users
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	1 GB
GIS Data Classification	N/A
Sharing	Receives data from the Microman system on the LAN.
Future	No future replacement or retirement plans.

Database Name	*TEXAS WORKS (HB)*
Database Description	Used by DHS field offices to track "diversion" of applicants to other resources or employment.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	400 Mbytes
GIS Data Classification	N/A
Sharing	Used by Commissioner and Governor's Office to track Welfare to Work progress.
Future	No future replacement or retirement plans.

Database Name	*IRS INQUIRY SYSTEM (HD)*
Database Description	An automated system that will allow the Office of Program Integrity staff and Quality Control workers to inquire against IRS data for DHS clients. The system is expected to increase Texas Works case accuracy and decrease quality control errors.
Database System	Sybase
Estimated Physical Storage Requirements	800 MB
GIS Data Classification	N/A
Sharing	None
Future	No future plans for replacement or deletion.

Database Name	**SSA ONLINE QUERY (HK)**
Database Description	This system is used to support browser access across an Intranet to improve the exchange of information bi-directionally between DHS and SSA. The initial phase will provide online information about the TANF, Food Stamp and Medicaid programs to SSA.
Database System	Sybase
Estimated Physical Storage Requirements	Sybase Dbase – None (Share with IDBN) Silverstream Dbase – 25 mg
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	**CASE TRACKING SYSTEM (OGC_CASE) (HL)**
Database Description	System is used by Office of General Counsel staff in the state office and regions to track information about cases in litigation. This system will allow case tracking over the Internet, better management of active litigation cases, faster statistical reporting to the legislature, and can be used in conjunction with the document imaging system for rapid access to case information.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	40 MB
GIS Data Classification	N/A
Sharing	Potentially Attorney General's Office
Future	No future replacement or retirement plans.

Database Name	**INCOME AND ELIGIBILITY VERIFICATION SYSTEM (IEVS) (KC)**
Database Description	These tables keep the RG 101 reports (results of data matches with other entities) on line for electronic access.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	2.0 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	Will be statewide by May 2000.

Database Name	**_IDBN (KI)_**
Database Description	A collection of databases containing HHS client demographic, address, program, and service information. Data is obtained from DHS SAVERR, TDH Immtrac, MHMR CARE, and TRC systems. Within DHS, data is used by CSS office staff. Also used by SSA Online Query application.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	24.0 Gbytes
GIS Data Classification	N/A
Sharing	Application is owned by HHSC and is installed at several agency sites; TWC Twist project can access data directly via RPC.
Future	No future replacement or retirement plans.

Database Name	**_CLIENT ASSESSMENT, SERVICE PLANNING AND ELIGIBILITY (LTC_CASE) SYSTEM (KL)_**
Database Description	Long Term Care Case used by long term care staff statewide. Stores information on client intake and assessment along with eligibility determination for LTC services.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	9.0 Gbytes
GIS Data Classification	N/A
Sharing	Interfaces with MY system on SAVERR.
Future	Database redesign has been completed. Implementation is scheduled for late May 2000.

Database Name	**_REALIGN (MB – ME)_**
Database Description	Allows ME (Medicare Eligibility) caseworkers to electronically realign their caseloads.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	500 Mbytes (shared with CSS Realign)
GIS Data Classification	N/A
Sharing	Database is shared with CSS Realign application (tables are unique).
Future	No changes in immediate future.

Database Name	*LONG TERM CARE WORKSHEET INTERFACE (ME)*
Database Description	This system an interface to the mainframe storage and retrieval capability for the A&D Medicaid Eligibility records generated by the NC system.
Database System	Unisys DMS
Estimated Physical Storage Requirements	2.17 Gbytes
GIS Data Classification	N/A
Sharing	None.
Future	No future replacement or retirement plans.

Database Name	*CLAIMS MANAGEMENT SYSTEM IMPLEMENTATION APD (MG)*
Database Description	This project involves the transfer of the claims adjudication function of the DHS-operated Nursing Home (MB), Community Care (MY), Nursing Facility Waiver (MD), and Institutions (MK) systems to the EDS/NHIC-operated MIS system. This effort will involve creating interfaces to and from the EDS system. Also included is the development of an integrated client service plan database, implementation of a comprehensive provider enrollment application, and added on-line functionality for remaining subsystems which support the adjudication process.
Database System	UNISYS RDMS
Estimated Physical Storage Requirements	200 MB
GIS Data Classification	None
Sharing	Texas Department of Mental Health and Mental Retardation.
Future	No future replacement or retirement plans.

Database Name	*PHARMACY CLAIMS (MH)*
Database Description	This system processes claims for prescriptions dispensed on behalf of eligible department clients, prepares payments to the providers and prepares management reports on usage by client, provider, and drug code. This system is a subset of MMIS and is funded by Title XIX.
Database System	Unisys DMS
Estimated Physical Storage Requirements	3.60 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	**_COMMUNITY CARE (MY)_**
Database Description	This system supports provision of health services in the community to eligible clients, thus preventing unnecessary and costly institutionalization. This system processes claims from providers of community care to aged and disabled clients. This system also provides support for payment of claims for Medicaid Hospice services to the terminally ill. These services include: physician services, nursing care, therapy, homemaker services, medical equipment and supplies, drugs, and short-term in-patient care. This system is a part of MMIS and is funded in part on an apportioned basis by Titles XIX and XX.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	1.19 Gbytes
GIS Data Classification	N/A
Sharing	TDH (EDS-NHIC)
Future	Replaced by CMS in September 1999, but need for MY space remains.

Database Name	**_WIRE THIRD PARTY QUERY (WTPY) (NB)_**
Database Description	This system allows workers and State Office staff to request and receive SSA benefit information electronically.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	.89 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	**_LONG TERM CARE WORKSHEET (LTCW) (NC)_**
Database Description	The LTCW is used to help Medicaid Eligibility staff statewide determine eligibility for nursing facility and community-based services. It is also used to determine applied income for nursing facility clients.
Database System	Unisys DMS
Estimated Physical Storage Requirements	2.17 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	May be integrated into the TIERS project.

Database Name	**_LONG TERM CARE PROVIDER (NE)_**
Database Description	Contract-based system that establishes and maintains legal contracts between managing agencies and HHSC providers.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	3 Gbytes
GIS Data Classification	N/A
Sharing	Used by Long Term Care, Long Term Regulatory and MHMR.
Future	All phases of requirements have been completed and put into production.

Database Name	**_LTCR (LTCR_CDR) (NG)_**
Database Description	Long-Term Care Regulatory for customer complaints, review facility and enforcement for a controlled set of data.
Database System	Sybase SQL Server
Estimated Physical Storage Requirements	Unknown for production. It is in development.
GIS Data Classification	N/A
Sharing	Used by DHS staff and will be accessed by the public.
Future	No future replacement or retirement plans.

Database Name	**_LONG TERM CARE QUALITY REPORTING SYSTEM (NQ)_**
Database Description	This system provides facility-specific information via the Web. The information provided is intended to help consumers with decisions regarding which facilities are safe for their family members.
Database System	
Estimated Physical Storage Requirements	100 Mb
GIS Data Classification	N/A
Sharing	None
Future	To be replaced by CARES.

Database Name	**_EBT VENDOR DRUG PRODUCTION (NV)_**
Database Description	This system provides a method for pharmacy providers to perform a Drug Utilization Review at the point of sale. In addition, the MMIS system will provide on-line adjudication of pharmacy claims.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	14.89 Gbytes
GIS Data Classification	N/A
Sharing	TDH
Future	SB 1585 requires TDH to obtain bids for this function.

Database Name	**_EBT VENDOR DRUG BACKUP (DEVELOPMENT) (NV)_**
Database Description	This system provides a method for pharmacy providers to perform a Drug Utilization Review at the point of sale. In addition, the MMIS system will provide on-line adjudication of pharmacy claims.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	18.14 Gbytes
GIS Data Classification	N/A
Sharing	TDH
Future	SB 1585 requires TDH to obtain bids for this function.

Database Name	**_MDS (NZ)_**
Database Description	Assesses and monitors health needs of nursing facility residents.
Database System	Oracle DBMS
Estimated Physical Storage Requirements	5.0 Gbytes
GIS Data Classification	N/A
Sharing	Information shared with U.S. Health Care Finance Authority (HCFA).
Future	Will be implemented approximately 06/30/98.

Database Name	*INCOME & ELIGIBILITY VERIFICATION SYSTEM (IEVS) (PI)*
Database Description	These tables keep the RG 101 reports (results of data matches with other entities) on line for electronic access.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	2.27 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	Moving toward new client/server system (see systems designator KI). Planned implementation for May 2000. Retirement of the current system is planned to occur after the parallel operations period is complete.

Database Name	*CENTRAL 2 (SK, BC, SH, BP, AND PT)*
Database Description	Includes Family Code, Capital Equipment Inventory, Child Care Licensing [ACCLAIM], Purchasing, and Tel-Assistance
Database System	Unisys DMS
Estimated Physical Storage Requirements	System Designator　　Gbytes 　　SK　　　　　　　.58 　　BC　　　　　　　.16 　　SH　　　　　　　.19 　　BP　　　　　　　.09 　　PT　　　　　　　.32
GIS Data Classification	N/A
Sharing	Family Code - PRS; Purchasing - Comptroller, General Services Commission; Tele-assistance - hard copy to local telephone companies.
Future	System is scheduled to be replaced in FY2001 on a non-DHS platform.

Database Name	*AGED AND DISABLED INTAKE SYSTEM (SL)*
Database Description	This system records client requests for A&D services. It allows for input of medical, biographical and living arrangement data of potential clients. It also allows intake staff to send client information to other system offices.
Database System	Unisys DMS
Estimated Physical Storage Requirements	82 KB
GIS Data Classification	N/A
Sharing	None
Future	May be integrated into the TIERS project.

Database Name	**SOCIAL SERVICES - CLIENT REGISTER (SS)**
Database Description	This system maintains a central file of social & demographic information on recipients of DHS services. It enables DHS to establish and monitor client eligibility, track clients, manage caseloads, gauge unmet service needs, evaluate service effectiveness, & measure efficiency of service delivery mechanisms. The system interfaces with SAVERR, Provider Registration, Foster Care Resource Management, CCMS, HRMIS, Long Term Care and Business Support systems; and supports PRS, Long Term Care, & Client Self-Support Services. It is funded under Title XX.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	1.47 Gbytes
GIS Data Classification	N/A
Sharing	PRS
Future	Will be replaced by CMS in May 2000.

Database Name	**CONTRACT PROVIDER FILE; MASTER CONTRACT PROVIDER FILE & PROVIDER OF SERVICES SERVICE CODE TABLE FILE (SU)**
Database Description	Stores current and historical contract provider information.
Database System	MSAM file.
Estimated Physical Storage Requirements	66 Mbytes
GIS Data Classification	N/A
Sharing	TDH and DHS CCAD
Future	No future replacement or retirement plans.

Database Name	**ELECTRONIC BENEFITS TRANSFER (TB)**
Database Description	Provides file transfer & receives interfaces with EBT vendor.
Database System	Unisys DMS
Estimated Physical Storage Requirements	.03 Gbytes
GIS Data Classification	N/A
Sharing	Transactive Corp (EBT vendor) through February 2001.
Future	New version of EBT software is being purchased by DHS and will be implemented Fall 2000. Interface to state and federally mandated benefit programs to Lone Star Card will occur with the new version of software.
Database Name	**EBT REPORTING (TB)**
Database Description	Stores current vendor information for reporting and verification of Food Stamp eligibility and benefits.

Database System	Unisys DMS
Estimated Physical Storage Requirements	14.0 Gbytes
GIS Data Classification	N/A
Sharing	Transactive Corp (EBT vendor) through February 2001.
Future	Plans to be integrated into EBT 2.

Database Name	*NUTRITION ASSISTANCE PAYMENT PROCESSING (NAPP) (TF)*
Database Description	Stores information from application TF (see Appendix E).
Database System	Unisys RDMS
Estimated Physical Storage Requirements	.20 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	Currently under development to interface with the mainframe.

Database Name	*RRU (TN)*
Database Description	Used by OPI (Office of Program Integrity) to automate the investigation of potential overpayment of client benefits
Database System	Sybase SQL Server; Unisys RDMS
Estimated Physical Storage Requirements	8 Mbytes (Sybase); 3 Gbytes (UNISYS)
GIS Data Classification	N/A
Sharing	Interfaces with ARTS system to establish claims electronically.
Future	No future replacement or retirement plans.

Database Name	*IAS CLAIMS RECOVERY (TN)*
Database Description	This system provides automated support to regional recovery workers for establishing and collecting food stamp and TANF over-issuance claims.
Database System	Unisys RDMS 1100
Estimated Physical Storage Requirements	2.94 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	*THIRD PARTY RESOURCES (TS)*
Database Description	Private insurance information is maintained to ensure that Medicaid claimants are first paid by their private insurer (MV system which is post-payment recovery). Policy information is maintained to track claims and generate client referrals, questionnaires & confirmations. Information is exchanged with the purchased health services contractor via an eligibility data exchange.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	.38 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	*SAVERR EDIT, UPDATE AND INQUIRY (TV)*
Database Description	System consists of Food Stamp, MAO, and TANF edit/update modules used for client eligibility determination & case maintenance. All use APQ (Asynchronous Processing Queue) for storing and processing transactions to update SAVERR database areas. The condense module runs updated transactions for daily benefit processing while the rebuild module rebuilds failed transactions for next day business. Foster Care and Adoption Subsidy cases go through same process. Also contains multiple data entry, error correction & inquiry screens.
Database System	Unisys RDMS
Estimated Physical Storage Requirements	.57 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	No future replacement or retirement plans.

Database Name	**_ELECTRONIC CASE FOLDER (TX)_**
Database Description	These Eligibility Services applications provide a myriad of business functions. This system encompasses the Generic Work Sheet (GWS), Notice of Application (NOA), Inquiry, Central Mail Out (CMO), Change Verification System (CVS), Birth Verification System (BVS), Texas Eligibility Screening System (TESS), Food Stamp Automated Benefits (FSAB), and various interfaces to SAVERR and Electronic Case Folder (ECF).
Database System	Unisys DMS
Estimated Physical Storage Requirements	131.36 Gbytes
GIS Data Classification	N/A
Sharing	None
Future	May be integrated into the TIERS project.

TABLE 5 – AGENCY APPLICATIONS

DHS uses many software applications to perform its business functions. These applications have been grouped into several categories for ease of reference. These categories are:

1) Eligibility Determination Systems;
2) Benefits Payments Systems;
3) Provider Payments Systems;
4) SAVERR Database Systems;
5) Regulatory Systems;
6) Fraud, Audit, and Recovery Systems;
7) Caseload Management Systems;
8) Agency Accounting Systems;
9) Administrative Systems; and
10) Management Information Systems.

In addition to these applications, DHS as a service bureau operates applications for several other agencies (for example, TDH, PRS, and TWC). Information regarding these applications has not been included in DHS' IRSP.

Eligibility Determination Systems

Eligibility Determination systems assist the caseworker in processing applications and determining eligibility for Food Stamps, TANF, non-SSI Medicaid benefits and other cash or medical assistance programs. These systems process mass conversion-of-client and case data to react to adjustments in client benefits caused by changes in Supplemental Security Insurance benefits, Social Security income, TANF needs standards, USDA Food Stamp rate table, and other factors that have an influence on the computation of client benefits. These systems include the automated worksheets and systems which assist the worker in collecting client data from other agencies, such as SSA and the Texas Department of Transportation. The system also provides for interfaces with other agencies such as Texas Employment Commission, Texas Department of Mental Health and Mental Retardation, Texas Rehabilitation Commission, Texas Department of Economic Development, Social Security Administration, Federal Treasury, National Heritage Insurance Company (Medicaid vendor) and hospitals.

Application Name	**TEXAS WORKS (HB)**
Application Type	Eligibility Determination
Application Description	This client/server application allows field office staff to enter pre-TANF-application data from potential clients and collect statistics from that data.
Database System	Sybase SQL Server
Development Language	PowerBuilder, SQL
Sharing	None
Future	Functionality expansion - no major changes planned.

Application Name	**WEB (HS)**
Application Type	Eligibility Determination
Application Description	Application allows caseworkers to view IRS data to verify information provided by benefit applicants.
Database System	Sybase SQL Server
Development Language	SilverStream
Sharing	None
Future	No future replacement or retirement plans

Application Name	**_IDBN (KI)_**
Application Type	Eligibility Determination
Application Description	IDBN is a HHSC application. HHSC has contracted with DHS CSSS for technical support. This system provides an integrated index of selected client information to service delivery staff at several state agencies, including DHS, TWC, and TDH. The available information includes client demographics, immunization records, and client participation information for programs such as TANF, Medicaid, Food Stamps, SSI, WIC, MHMR and others.
Database System	Sybase SQL Server
Development Language	COBOL, SQL, PowerBuilder
Sharing	This is an HHSC application shared by various state agencies.
Future	May be integrated into the TIERS project.

Application Name	**_CLIENT ASSESSMENT, SERVICE PLANNING AND ELIGIBILITY (LTC_CASE) SYSTEM (KL)_**
Application Type	Eligibility Determination
Application Description	A Long-Term Care expansion and growth project supporting Community Care for the Aged & Disabled (CCAD) participant eligibility determination. Intake workers determine CCAD program eligibility using manual techniques supported by isolated PC usage. This project links existing client server technology and enhances cost-efficiency of the program by improving the speed, accuracy and reliability of program eligibility information.
Database System	Sybase SQL Server
Development Language	PowerBuilder, SQL, Cobol
Sharing	None
Future	May be integrated into the TIERS project. Database redesign is under way.

Application Name	**_BUY-IN AND PART-A PAYOR (MF)_**
Application Type	Eligibility Determination
Application Description	Under a buy-in agreement, states may enroll people in the Premium Hospital Insurance Program and the Supplementary Medical Insurance program and pay their premiums. The purpose of these arrangements is to permit the State, as part of its total assistance plan, to provide Medicare protection to certain groups of needy individuals. The arrangement also has the effect of transferring some medical costs for this population from the Title XIX Medicaid program, which is partially State-financed, to the Title XVIII Medicare program, which is funded by the Federal government and by the payment of individual premiums. Primary users of the system are staff in the SMIB Analysis and Correspondence Unit and the HI Analysis and Medicaid Unit.
Database System	Sequential and indexed-sequential tape files with query access to the SAVERR database.
Development Language	Unisys OS 1100 ASCII COBOL
Sharing	US Department of Health and Human Services, HCFA, through monthly exchange of data over the National Data Mover (NDM) link.
Future	The NDM link will be replaced in the near future with a direct connection between the State of Texas and the Social Security Administration (SSA). SSA also plans to initiate a redesign of the Third Party State Buy-in, with implementation scheduled for August 2000.

Application Name	**_MEDICAL IDENTIFICATION CARDS (MN)_**
Application Type	Eligibility Determination
Application Description	This system maintains a file of medical dates for service authorization and limitation. It produces monthly and weekly ID "cards" (Forms 3087) which denote Medicaid and Medicaid-paid Medicare eligibility, including identification "cards" for Foster Care and Adoption Subsidy. This system is a subset of MMIS and is funded by Title XIX.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	Clients show the Form 3087 to Medicaid providers to obtain services.
Future	May be integrated into the TIERS project or added to the Lone Star Card.

Application Name	**_STATE DATA EXCHANGE (SDX) BATCH PROCESSING (MS)_**
Application Type	Eligibility Determination
Application Description	This Title XIX system provides Medicaid coverage for Supplemental Security Income (SSI) recipients as determined by the Social Security Administration (SSA). Data is received daily and processed on a weekly cycle to create, deny, reinstate, or update the SSI cases. This system edits the incoming SSA transactions and provides the SAVERR update transactions for the TJ system.
Database System	Unisys DMS
Development Language	COBOL, ECL, Assembler, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	**_WIRE THIRD PARTY QUERY (NB)_**
Application Type	Eligibility Determination
Application Description	This system allows workers and State Office staff to request and receive SSA benefit information electronically.
Database System	Unisys RDMS 1100
Development Language	COBOL, PowerBuilder, SQL
Sharing	DHS is a central FTP point for Texas state agencies' contact with SSA. The SSA provides separate data to each agency.
Future	May be integrated into the TIERS project.

Application Name	**_LTC WORKSHEET (NC)_**
Application Type	Eligibility Determination
Application Description	Eligibility for Medicaid services for non-grant clients is determined by A & D workers. This system supports those workers by automation of their primary worksheets and the generation of form letters for eligibility verification. This system is funded by Title XIX.
Database System	AREV
Development Language	AREV, DOS, Dist only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	***PASARR SYSTEM (NP)***
Application Type	Eligibility Determination
Application Description	This system supports the activities of department staff in their screening of nursing facility applicants and residents to ensure that the mentally ill and mentally retarded clients are placed or remain in a facility which can provide care appropriate to their needs.
Database System	FoxPro
Development Language	FoxPro, DOS
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***BENEFICIARY DATA EXCHANGE AND BENEFICIARY EARNING EXCHANGE (BENDEX) AND EARNINGS, PENSIONS, & SELF-EMPLOYMENT (BEER) (PB)***
Application Type	Eligibility Determination
Application Description	The federally mandated Beneficiary Data Exchange and Beneficiary Earning Exchange system collects income information for the SAVERR client population from the Social Security Administration (SSA). The system sends records to SSA to be matched or deleted from the exchange. SSA annotates their files to show that this person is a Texas client. SSA sends responses and changes on the BENDEX (Title II Benefits - RSDI, and Part A and Part B Medicare Eligibility dates) system and the BEER (Earnings, Pensions, and Self-employment) system. The data is transmitted by network Data Mover and copied to DHS cartridge tape. The system compares information collected from SSA to information reported by the client to the caseworker and stored on SAVERR and creates a notice to the case worker for each discrepancy. BENDEX discrepancies are reported on the RG-09 BENDEX information memorandum. The caseworker reviews the information and either corrects the information on SAVERR or has SSA correct their information if it is in error. The BEER discrepancy reports are printed and tracked in the Income Eligibility Verification system (IEVS - PI system). BENDEX data received from SSA is stored in the BENDEX area of SAVERR for research of Part A and Part B Medicare data.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	**REFUGEES (PR)**
Application Type	Eligibility Determination
Application Description	This system provides temporary cash assistance to eligible refugees and Cuban/Haitian entrants under the federally funded Refugee Resettlement Program. The system produces reports for program management staff and for the Comptroller, who prints the warrants. The system also maintains refugee information on a case history and vendor identification master file.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**AGED AND DISABLED INTAKE SYSTEM (SL)**
Application Type	Eligibility Determination
Application Description	This application records a client's medical & personal history and needs as well as specific demographic information regarding living arrangements.
Database System	AREV
Development Language	Advanced Revelation, DOS, Dist only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	**FINGERPRINTING IMAGING (FI) SYSTEM (DHS INTERNAL PROCESSING) (TC)**
Application Type	Eligibility Determination
Application Description	The imaging system captures client fingerprints, photographic images, and biographical & other client data in an effort to eliminate fraud. It consists of a vendor-maintained client/server network with central storage and distributed local client PC's. This MIS SAVERR system has processes and procedures that link FI records with associated DHS client data. It also creates files for updating the vendor system with clients' biographical and participation data, processing vendor files of purged clients, and producing reports.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	Morpho (fingerprint imaging system vendor).
Future	May be integrated into the TIERS project.

Application Name	**SDX BATCH PROCESSING (TJ)**

Application Type	Eligibility Determination
Application Description	This system establishes and maintains Medicaid eligibility information on SAVERR for recipients of Supplemental Security Income (SSI). SSI Eligibility is determined by the Social Security Administration (SSA). After being edited by the MS System, SSA transactions for updating client records are passed to the TJ system. The TJ system updates SAVERR and NHIC transaction files, and generates Medical ID Card transactions for the Medical System Division.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	Limited SDX client data shared with TDH, TWC, MHMR, PRS & OAG. Daily tapes are sent to NHIC.
Future	May be integrated into the TIERS project.

Application Name	*APPLICATION PROCESSING AND REPORTING (TW)*
Application Type	Eligibility Determination
Application Description	This system processes Food Stamp, TANF, MAO (medical assistance only), and Foster Care & Adoption Subsidy applications for assistance. It produces automated reports and forms concerning the status and disposition of these applications and is responsible for mainframe file maintenance.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	*GWS SUITE (TX)*
Application Type	Eligibility Determination
Application Description	This system encompasses the Generic Work Sheet (GWS), Notice of Application (NOA), Inquiry, Central Mail Out (CMO), Change Verification System (CVS), Birth Verification System (BVS), Texas Eligibility Screening System (TESS), Food Stamp Automated Benefits (FSAB), and various interfaces to SAVERR and Electronic Case Folder (ECF).
Database System	Unisys DMS-1100 and AREV
Development Language	COBOL, ECL Advanced Revelation, DOS, MF/Dist
Sharing	None
Future	May be integrated into the TIERS project.

Benefits Payments Systems

These systems perform the processing necessary to provide data to be transferred to the EBT vendor (for TANF and Food Stamp benefits) or to the comptroller for other payments so that client benefits will be paid.

Application Name	*GRANDPARENT ONE TIME PAYMENT SYSTEM (HJ)*
Application Type	Benefits Payment
Application Description	Grandparents caring for TANF grandchildren are allowed one or more supplemental payments, not to exceed $1,000. The payment system consists of a Silverstream Web based front-end entry and inquiry system, a Sybase database to track recipients and an interface with FMIS to receive payments from the Comptrollers Office.
Database System	Sybase SQL Server
Development Language	SQL
Sharing	None
Future	Application is funded by a one-time federal grant and will therefore be archived at the termination of the grant.

Application Name	*ELECTRONIC BENEFITS TRANSFER (EBT) (TB)*
Application Type	Benefits Payment
Application Description	This system assists the TI system in the production of Food Stamp benefits and handles the production of TANF benefits. It handles all interfaces between DHS and the EBT vendor. It provides for reconciliation of Food Stamp and TANF benefits and produces EBT reports for state office and field staff.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	Transactive Corp (EBT Vendor) through February 2001.
Future	DHS is purchasing new version of EBT software from Transactive which will be implemented in Fall 2000. May be integrated into the TIERS project. Add additional state and federally mandated benefit programs to the Lone Star Card.

Application Name	**DISASTER ASSISTANCE PAYMENT PROCESSING (DAPP) (TD)**
Application Type	Benefits Payment
Application Description	This system enables the department's Disaster Assistance Section to pay benefits to disaster victims under the provisions of the Individual and Family Grant Program when the President of the US declares a disaster area in Texas. Summary information produced by the system is used in making weekly progress reports to the State Coordinator, Division of Emergency Management, Office of the Governor; the Chief of Disaster Assistance, Programs Division; and the Individual Assistance Officer, Federal Emergency Management Agency, Region VI.
Database System	None
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**TANF BATCH PROCESSING (TH)**
Application Type	Benefits Payment
Application Description	This system produces warrants, including supplemental, for active TANF clients. It also updates the warrant history area of SAVERR, including changes in benefit status (hold, paid, canceled), and produces registers and summary control reports to support the production and delivery of all TANF warrants authorized through the 1008 system.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	OAG, Statco, Texas A&M University, Treasury, Transactive (EBT vendor)
Future	May be integrated into the TIERS project.

Application Name	**FOOD STAMP BATCH PROCESSING (TI)**
Application Type	Benefits Payment
Application Description	This system, along with the TB system, produces daily and monthly Food Stamp benefits. It also provides for automated conversion of cases affected by federal requirements and policy changes.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL , Assembler, MF only
Sharing	Transactive (EBT vendor), STATCO
Future	May be integrated into the TIERS project.

Application Name	*STATE IMMIGRANT FOOD ASSISTANCE PROGRAM (SIFAP) (TO)*
Application Type	Benefits Payment
Application Description	SIFAP provides food assistance to aged and disabled legal immigrants who no longer qualify for federal benefits. This application processes add/change transactions to update the SIFAP master file, matches the master file to the SAVERR data base to determine continued eligibility for SIFAP, prints denial notices, creates an interface tape to produce warrants, produces a benefit report, and processes warrant return information.
Database System	Unisys DMS-1100
Development Language	COBOL
Sharing	None
Future	May be modified to produce benefits via EBT versus printing warrants.

Provider Payments Systems

These systems support recipient service planning, provider contracts and rates, and claims adjudication processing with the overall objective to process and pay eligible providers (Nursing Home, Community Care, NF Waiver) for valid Medicaid (and Title XX) claims for eligible recipients. These systems pay premiums to NHIC (for acute care Medicaid coverage) and the HCFA (for Medicare coverage) and bill "third party" insurers for nursing home services paid by Medicaid. These systems also provide payments to private schools and child-care centers participating in the federal child nutrition program.

Application Name	**CASELOAD REALIGN (MB)**
Application Type	Provider Payment
Application Description **TAKE OUT COMPLETELY**	This system supports provision of nursing facility care to the aged, blind, and disabled who are needy and require medically oriented care in long-term health care facilities. Nursing and rehabilitative/ restorative care for Medicaid eligible individuals with mental retardation and/or related developmental disabilities is also provided through contractual arrangement with nursing facilities. This system is a subset of MMIS and is funded by Title XIX.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	MHMR
Future	To be replaced.

Application Name	**HOME COMMUNITY BASED SERVICES (MD)**
Application Type	Provider Payment
Application Description **TAKE OUT COMPLETELY**	This system supports the DHS 1915 (c) Medicaid waiver requests to provide recipients home and community-based services as an alternative to institutional care. Each waiver program is targeted to a special category of clients and providers with each waiver program having specific eligibility requirements. The system maintains recipients' service plans known as Individual Plan of Care (IPC) and processes the corresponding claims for payment. This system is a subset of MMIS and is funded by Title XIX.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL Advanced Revelation, DOS, Kermit, MF/Dist
Sharing	None
Future	To be replaced.

Application Name	**_MEDICAL REPORT SERIES (MI)_**
Application Type	Provider Payment
Application Description	This system receives data other DHS systems (MA, MB, MC, MD, ME, MN, MY, and NV) and NHIC and processes it to produce medical information files (Medical Stat, Medical Stat Edited, Medical Detail, 12 month revolving claims file) used by a number of DHS systems (MC, MF, MJ, ML, MM, MO, MP, MQ, MV, ND).
Database System	None
Development Language	COBOL
Sharing	Input from NHIC
Future	No future replacement or retirement plans.

Application Name	**_MHMR BILLING (MK)_**
Application Type	Provider Payment
Application Description **_TAKE OUT COMPLETELY_**	This system supports provision of nursing and rehabilitative/restorative care to Medicaid-eligible individuals with mental retardation and/or related developmental disabilities who reside in Title XIX approved sections of state schools. This system is a subset of MMIS and is funded by Title XIX.
Database System	None
Development Language	COBOL, ECL, MF only
Sharing	MHMR
Future	To be replaced.

Application Name	**_DENTAL CLAIMS REPORTING SYSTEM (MO)_**
Application Type	Provider Payment
Application Description	The MO system reports dental claims paid by NHIC. Various parts of it are executed both monthly and quarterly to create reports which summarize EPSDT dental procedures and payments. The report data is extracted, via the intermediate MI system, from the monthly NHIC Stat file.
Database System	None (uses NHIC data)
Development Language	Unisys DMS
Sharing	TDH
Future	No future replacement or retirement plans.

Application Name	**_MEDICAL PAYMENT HISTORY REVIEW AND REPORTING (MQ)_**
Application Type	Provider Payment
Application Description	This system, which is a component of Texas COMPAS, searches the 12-month-revolving medical history file (MRP) to identify possible violations of the Texas Medicaid policy. It prepares detailed medical history reports on clients and cases involved in such situations, as well as reports specifically requested by users and interfacing systems. It aids the selection of appropriate medical care and in the identification, recovery, and prevention of misspent funds. This system is a subset of MMIS and is funded by Title XIX.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	TDH
Future	No future replacement or retirement plans.

Application Name	**_LTC MANAGED CARE (MW)_**
Application Type	Provider Payment
Application Description	This system is the STAR+PLUS project in Harris County, which covers all primary, acute, and long term Medicaid services for SSI/MAO clients.
Database System	Unisys RDMS
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	**_LONG TERM CARE PROVIDER SUBSYSTEM (NE)_**
Application Type	Provider Payment
Application Description	This system tracks enrollments, sanctions, budgets, contracts, rates, and provides support for claims processing for all of LTC's providers. The system will allow the customer to maintain all reference tables, provide online help for each window, and allow local printing of reports, forms, and correspondence.
Database System	Unisys RDMS 1100
Development Language	PowerBuilder, SQL, Cobol
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**_TEL-ASSISTANCE (PT)_**
Application Type	Provider Payment
Application Description	This system provides automated support for the Tel-Assistance that provides reduced rates for telephone service to qualified disabled individuals. Based on predetermined criteria and information obtained through an application process, eligibility is determined and periodically redetermined. A paper report and/or computer tape, of eligible citizens is supplied to each local telephone exchange company in Texas each month. This work is done through the Texas Exchange Carriers Association.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	Local telephone companies receive tape and/or hard copy.
Future	No future replacement or retirement plans.

Application Name	**_SOCIAL SERVICES REMOTE DATA ENTRY AND ERROR CORRECTION (SE)_**
Application Type	Provider Payment
Application Description	This system is used for the remote data entry and error correction of the Form 2000, Client Registration form and the Form 2001, Foster Care, Adoption and Conservatorship Tracking form. This system is funded by Title XX.
Database System	An MSAM file (SSMS Master File); Unisys RDMS file to update EA system.
Development Language	COBOL, ECL, MF only
Sharing	None
Future	The functional specification needed will be replaced by CMS in May 2000.

Application Name	**_ELECTRONIC BILLING TRANSFER SYSTEM (ST)_**
Application Type	Provider Payment
Application Description	The Electronic Billing Transfer Project is designed to simplify and expedite the processing of bills submitted by service providers by allowing electronic bill transmission to the department. This feature is currently employed in the Primary Home Care System (MY).
Database System	None.
Development Language	ECL, Kermit, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**SOCIAL SERVICE – INDIVIDUAL/CONTRACT PROVIDER REGISTRATION (POS) (SU)**
Application Type	Provider Payment
Application Description	Provides information on providers of services.
Database System	Unisys MSAM
Development Language	COBOL, QLP, MAPPER, TIP-DPS
Sharing	TDH, DHS CCAD
Future	No future replacement or retirement plans.

Application Name	**SOCIAL SERVICES DATA ENTRY (SX)**
Application Type	Provider Payment
Application Description	This system is primarily for data entry of special updates to the SS Client Registration master file. The system facilitates transfer of data between the Unisys development machine and the Social Services Client Registration system on the production machine. The system supports Long Term Care, and Client Self-Support Services. It is funded under Title XX.
Database System	An MSAM file which is the SSMS Master File, a flat file
Development Language	COBOL, ECL, MAPPER, Advanced Revelation, DOS, MF/Dist
Sharing	None
Future	The needed functional specifications will be replaced by CMS in May 2000.

Application Name	**NUTRITION ASSISTANCE PAYMENT PROCESSING (NAPP) (TF)**
Application Type	Provider Payment
Application Description	This system produces state warrants to pay private schools and childcare centers participating in the federally financed child nutrition program. Claims are edited for compliance with contractual requirements, payment history database records are updated, and pay requests are sent to the Comptroller. Pay transaction data is provided to the fiscal management system, and statistical/control reports are produced for program operations and management. Payments are authorized under a federal/state agreement.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	A client/server front-end is currently under development to interface with the mainframe.

SAVERR Database Systems

This database records TANF, Food Stamp and Medicaid information on benefit amounts and histories. The SAVERR database also includes managed care enrollments.

Application Name	**CASELOAD REALIGNMENT**
Application Type	Database System
Application Description	This application allows for statewide electronic caseload realignment.
Database System	Sybase SQL Server
Development Language	PowerBuilder 5.0.03
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**NON-CONTRACTED TAPE MATCHES (KM)**
Application Type	Database System
Application Description	Match of specific data from SAVERR database and several extract files.
Database System	Unisys DMS 2200
Development Language	COBOL
Sharing	TCB, TDMHMR, TDH, TEA, Tx. Assoc. of School Adm., and Tx. Assoc. of School Boards
Future	No future replacement or retirement plans.

Application Name	**TANF - WELFARE REFORM TIME LIMIT REPORTS (KU)**
Application Type	Database System
Application Description	State Welfare Reform reports related to TANF time limits on eligibility
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	*TANF BORDER STATES AND OTHER MATCHES AND PILOT EVALUATIONS (KV)*
Application Type	Database System
Application Description	State Welfare Reform changes related to border states and other matches.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	Via tape
Future	May be integrated into the TIERS project.

Application Name	*TRANSITIONAL MEDICAID (TP 29) (KX)*
Application Type	Database System
Application Description	State Welfare Reform changes related to Transitional Medicaid (TP29).
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	*MEDICARE HISTORY SYSTEM (PH)*
Application Type	Database System
Application Description	This system provides for the maintenance of a MEDICARE History File. The MEDICARE History File facilitates accurate and timely payment of claims to providers (hospitals, physicians, etc.) and accurate and timely payment of MEDICAID/MEDICARE premiums to NHIC. The MEDICARE History File allows DHS to transmit MEDICARE Parts A/B eligibility data to NHIC for purposes of processing medical claims as accurately and expeditiously as possible. The file also provides more accurate data for use in calculating the NHIC premium and for resolving MEDICARE eligibility discrepancies and related premium payments.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	TDH (NHIC)
Future	Development should be completed by August 31, 2000.

Application Name	*CONTRACTED TAPE MATCHES (TM)*
Application Type	Database System

Application Description	Match of specific data from SAVERR database and several extract files.
Database System	Unisys DMS 2200
Development Language	COBOL
Sharing	Bexar County Hospital District, El Paso County Hospital District, Harris County Hospital District, Parkland Hospital Physicians Group, University of Texas Health Science Center, University of Texas Medical Branch, Potomac Group, Inc., Medical Electronic Data Index, Medical Data Exchange, National Data Corp EDI Services, Hermann Hospital
Future	No future replacement or retirement plans.

Application Name	***TANF AND MEDICAID REPORT WRITING (TP)***
Application Type	Database System
Application Description	This system produces reports related to TANF activity and services. It gives workers feedback and reminder reports to aid in managing caseloads. It gives field management reports on worker and caseload activity to aid in managing worker production and caseload delinquencies. It provides state office summary reports of statewide activity to aid in providing information for federal reports, caseload activity, trends, and quality control related to federal guidelines and federal matching funds.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL Fortran, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	***FOOD STAMP REPORT WRITING (TQ)***
Application Type	Database System
Application Description	Utilizes SAVERR to produce financial reports and to provide planning & control documents for the production of caseload reports and statistics.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, Fortran, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	***INTERFACE (TT)***
Application Type	Database System
Application Description	Interface processes serve as liaison between the DHS SAVERR database and various other agencies and states. Processes included in the TT are TANF and LTC RSDI/SSI yearly conversion, IEVS matching, client updates (resulting from force change, merge, separate, and SSMS), case holds/releases, SSN enumeration/verification, JOBS data transfer, data transfer to coordinated care system, BJN realignment, Form 1000B production, generation of a MED ID file for NHIC and SMIB transactions, and adoption subsidy and foster care updates. This system aids in the production of medical identification cards. It exchanges eligibility information on Title XVIII and XIX clients with other divisions within the Office for Systems Development and NHIC to aid in their claims processing systems.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	TDH, TWC, SSA, NHIC, PRS via tape exchanges.
Future	May be integrated into the TIERS project.

Application Name	***SAVERR EDIT, UPDATE AND INQUIRY (TV)***
Application Type	Database System
Application Description	This system consists of the Food Stamp, MAO, and TANF edit/update modules used for client eligibility determination and case maintenance. All use the same APQ (Asynchronous Processing Queue) for storing and processing transactions that are used to update the SAVERR database areas. The condense module strips off updated transactions for daily benefit processing while the rebuild module rebuilds fatal transactions for the next day's business. Foster Care and Adoption Subsidy cases go through this same process. It also contains multiple data entry, error correction, and inquiry screens (including CEI screens for Medicaid providers).
Database System	Unisys DMS 1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Regulatory Systems

These systems support the efforts of department staff in the certification and survey activities of nursing facilities. These are the regulatory activities of geriatric and ICF-MR facilities to ensure that all Federal and State (Medicare and Medicaid) regulations are met, and that all residents receive quality care appropriate to their needs. This system also supports licensing of long term care facilities and regulation of health care practitioners. Included are the credentialing of medication aides, criminal history program, licensing of personal care facilities, licensing of adult day and adult day health care facilities.

Application Name	GERIATRIC FACILITY SURVEY & CERTIFICATION SYSTEM (LTCR) (NG)
Application Type	Regulatory System
Application Description	This subsystem of the LTCR INTEGRATED SYSTEM supports the efforts of department staff in the certification and survey activities of nursing facilities. These are the regulatory activities of geriatric facilities to ensure that all Federal and State (Medicare and Medicaid) regulations are met, and that all residents receive quality care appropriate to their needs.
Database System	FoxPro
Development Language	FoxPro, DOS
Sharing	None
Future	Will be replaced by LTCR in July 2000.

Application Name	NURSING HOME CRIMINAL HISTORY CHECK (NH)
Application Type	Regulatory System
Application Description	The Long-Term Care Credentialing Nursing Home Criminal History Check system is used to support the pre-employment background investigation requirement of Texas nursing home employees. A data file is submitted to Texas Department of Public Safety on all potential employees to report on an individual's criminal record. This is a mainframe-based COBOL system and is not funded under MMIS or COMPAS.
Database System	None.
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***ICF-MR SURVEY & CERTIFICATION SYSTEM (LTCR) (NI)***
Application Type	Regulatory System
Application Description	This subsystem of the LTCR INTEGRATED SYSTEM supports the efforts of department staff in the certification and survey activities of Intermediate Care Facilities for the Mentally Retarded (ICF-MR). These are the regulatory activities of ICF-MR facilities to ensure that all Federal and State (Medicaid) regulations are met, and that all residents receive quality care appropriate to their needs. Credentialing automation is contracted out to ASI, Assessment Systems Incorporated.
Database System	FoxPro
Development Language	FoxPro, DOS
Sharing	None
Future	Will be replaced by LTCR in July 2000.

Application Name	***LONG TERM CARE REGULATION SYSTEM (LTCR) (NS)***
Application Type	Regulatory System
Application Description	This subsystem of the LTCR INTEGRATED SYSTEM supports the efforts of department staff in the regulation of Long Term Care facilities. This subsystem supports State Funded regulatory activities to ensure that practitioners comply with appropriate state licensing requirements. Examples of activities include the credentialing of medication aides, criminal history program, licensing of personal care facilities, licensing of adult day and adult day health care facilities.
Database System	FoxPro
Development Language	FoxPro, DOS, Dist only
Sharing	None
Future	Will be replaced by LTCR in July 2000.

Fraud, Audit and Recovery Systems

These systems include a database of payment data for audit purposes, investigations, FTROP (Fed Tax Refund Offset Program), and a system for recovering TANF and Food Stamp over issuance. These also perform tape matches with data from other agencies, such as ERS, TRS, IRS, and SSA to detect discrepancies in amounts reported by clients. These systems provide various management reports for use by state offices, regional administrators, and federal agencies.

Application Name	_INVESTIGATIONS (AR)_
Application Type	Fraud, Audit and Recovery System
Application Description	The mainframe-based Case Management system (CMS) is used to support the management of fraud investigation cases. CMS provides 1) tracking of active investigation cases, 2) statistics by investigation unit, and 3) monthly management reports. The primary user is the Investigation Division of the Office of Inspector General. The subsystem consists of four runstreams: ARCRML, ARDPS, ARDPSA and ARXCON; and supports the state's Title XIX function.
Database System	None.
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	_FEDERAL TAX REFUND OFFSET PROGRAM (FTROP) (FT)_
Application Type	Fraud, Audit and Recovery System
Application Description	The FTROP project provides DHS a method for offsetting federal income tax refunds to collect claims against households for over issued food stamp benefits where those claims are past due.
Database System	Sybase SQL Server
Development Language	COBOL, PowerBuilder, SQL
Sharing	None
Future	By 2000, will be incorporated into ARTS (AH).

Application Name	*IRS INQUIRY SYSTEM (HD)*
Application Type	Fraud, Audit and Recovery System
Application Description	The IRS Inquiry System is an automated system that allows the Office of Program Integrity staff and Quality Control workers to inquire against IRS data for DHS clients. Over time, the system is expected to increase Texas Works case accuracy and decrease quality control errors.
Database System	Sybase SQL Server
Development Language	SQL, SilverStream
Sharing	None
Future	May be integrated into the TIERS project. Planned to be statewide by May 2000.

Application Name	*INCOME AND ELIGIBILITY VERIFICATION SYSTEM (IEVS) (KC)*
Application Type	Fraud, Audit and Recovery System
Application Description	This federally mandated Income and Eligibility Verification System (IEVS) collects income and resource information for the client population from several sources including the Internal Revenue Service, TWC, and the Social Security Administration. The system compares information collected from external sources to information reported by the caseworker and prints a notice to the caseworker for each case with discrepancies. Discrepancy notices are tracked on an on-line database until the worker transmits a clearance action for the notice. The system also generates statistical summary reports and follow-up listings and interfaces with Work Planning and Delinquency Reporting and Quality Control sampling. Preliminary processing of data screening done on mainframe.
Database System	Sybase SQL Server
Development Language	SQL, SilverStream
Sharing	None
Future	May be integrated into the TIERS project. Planned to be statewide by May 2000.

Application Name	*INCOME AND ELIGIBILITY VERIFICATION SYSTEM (IEVS) (PI)*
Application Type	Fraud, Audit and Recovery System
Application Description	This system collects client income and resource information from several sources including the Internal Revenue Service, TWC, and the Social Security Administration. The system compares information collected from external sources to information reported by caseworkers and provides each caseworker with notice of any discrepancy. These notices are tracked until the worker transmits a clearance action for the notice. The system also generates statistical summary reports and follow-up listings and interfaces with Work Planning and Delinquency Reporting and Quality Control sampling. Preliminary processing of data screening done on mainframe.
Database System	Unisys DMS
Development Language	COBOL
Sharing	None
Future	May be integrated into the TIERS project. Moving toward a new client/server system (see systems designator KC).

Application Name	*IAS CLAIMS RECOVERY (RRU) (TN)*
Application Type	Fraud, Audit and Recovery System
Application Description	This system provides automated support to regional recovery workers for establishing and collecting food stamp and TANF over-issuance claims. The system interfaces with the ARTS application.
Database System	Sybase SQL Server, Unisys RDMS 1100
Development Language	COBOL, PowerBuilder, SQL
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	*OIG INTERFACE (TR)*
Application Type	Fraud, Audit and Recovery System
Application Description	This system produces a monthly transaction file for the Food and Consumer Service to update their Disqualified Recipient Subsystem. It also matches disposed Case Management System records to SAVERR for discrepancies.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	*MATCHING (TU)*
Application Type	Fraud, Audit and Recovery System
Application Description	This system performs many matches involving clients on SAVERR. These matches include file exchanges with the Veterans Administration, Texas Employment Commission, Internal Revenue Service, Texas Education Agency, Department of Commerce, Department of Criminal Justice, and Department of Health.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Caseload Management Systems

These systems assist in the management of the agency caseload. These include a data warehouse of Eligibility Services data and caseload reports for some LTC Title XX services. These systems provide various management reports for use by state offices, regional administrators, and federal agencies.

Application Name	**_CSS DATA WAREHOUSE (HA)_**
Application Type	Caseload Management
Application Description	This application allows CSS PACs to report on client, case and welfare reform data.
Database System	Sybase SQL Server
Development Language	None (InfoMaker 5 used for reporting tool off of Sybase database)
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**_CLAIMS MANAGEMENT SYSTEM IMPLEMENTATION (MG)_**
Application Type	Caseload Management
Application Description	This application is being established to track the Authorizations extended to Clients for Long Term Care benefits.
Database System	Unisys RDMS 1100
Development Language	PowerBuilder, Cobol, SQL
Sharing	This application will be shared with MHMR
Future	No Future replacement or retirement plans.

Application Name	**_HCFA 372 REPORTS (MM)_**
Application Type	Caseload Management
Application Description	This system supports the production of HCFA 372 reports required for the continuation of the HCS, HCS-O, CBA, CLASS, and MDCP programs under the terms of their respective waivers.
Database System	None.
Year 2000	820
Sharing	None
Future	No future replacement or retirement plans.

Application Name	

	FORMS PROCESSING MANAGEMENT SYSTEM (FPMS) (PM)
Application Type	Caseload Management
Application Description	This system produces reports concerning the processing of Notices of Application and Forms 1000A & B. Data is provided by program area, region and/or unit on the number of forms entered or deleted, and number of errors corrected. It provides the number of errors resulting from data entry, worker determination, or system defects. Data entry activity is accumulated daily. Detailed reports are produced at close of month for each data entry site with summary reports produced for regional & state office managers.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	CLIENT REGISTRATION REPORTS INTERFACE (SN)
Application Type	Caseload Management
Application Description	This system produces periodic and special reports whose production requires interfaces with systems other than the SS Client Registrations system (i.e., SAVERR, Foster Care Resource Management, Provider Registration, Business Support, and Long Term Care systems). These reports support regional and state office staff and Title XX reporting. The system supports PRS, Long Term Care, and Client Self-Support Services. It is funded under Title XX.
Database System	An MSAM file which is the SSMS Master File, flat file from the AE system.
Development Language	COBOL, ECL, MF only
Sharing	None
Future	May be integrated into the TIERS project.

Application Name	SOCIAL SERVICE REPORT SERIES (SR)
Application Type	Caseload Management
Application Description	This system produces a variety of reports that enable workers, supervisors, and regional & state office administrators to manage social services cases, workloads, workers, and programs. It supports PRS, Long Term Care, and Client Self-Support Services. It is funded under Title XX.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	PRS
Future	May be integrated into the TIERS project.

Application Name	**_SOCIAL SERVICE - CLIENT REGISTER (SS)_**
Application Type	Caseload Management
Application Description	This system maintains a central file containing social and demographic information on recipients of department social services. This system enables the department to establish and monitor client eligibility, track clients, manage caseloads, gauge unmet service needs, evaluate service effectiveness, and measure the efficiency of service delivery mechanisms. This system interfaces with SAVERR, Provider Registration, Foster Care Resource Management, CCMS, HRMIS, Long Term Care and Business Support systems. The system supports PRS, Long Term Care, and Client Self-Support Services. It is funded under Title XX.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	The functional specification needed will be replaced by CMS in May 2000.

Agency Accounting Systems

These systems include the general ledger and accounts payable, an accounts receivable tracking system (ARTS), a database of payment data, fiscal receipts, budget analysis and reporting, the Fiscal Management Information System (FMIS), and Federal cost allocation processing.

Application Name	*GENERAL LEDGER/ACCOUNTS PAYABLE (AC)*
Application Type	Agency Accounting
Application Description	This system includes two modules of the Financial Management Information System (FMIS): General Ledger and Accounts Payable. The General Ledger module, which supports accounting functions within Fiscal Division, stores accounting transactions, general ledger account balances, and budget and actual accounting data for appropriations. The General Ledger module produces reporting for State, Federal, and Management requirements. The Accounts Payable module supports processing of expenditures for administrative, grant benefits and service provider claims.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, Unisys DMS-1100, MF only
Sharing	PRS, Comptroller,
Future	Replacement beginning January 2001.

Application Name	*FISCAL DISBURSEMENTS (AE)*
Application Type	Agency Accounting
Application Description	This system supports claims processing for Fiscal Division. Types of claims processed for payment by the Comptroller include travel, nursing homes, community care, social service contracts, foster care, and individual providers.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, Unisys DMS-1100, DPS-1100, MF only
Sharing	TDH,
Future	Replacement beginning 2001.

Application Name	*ACCOUNTS RECEIVABLE TRACKING SYSTEM (ARTS) (AH)*
Application Type	Agency Accounting
Application Description	ARTS is an integrated receivables management system capable of establishing and modifying claims, tracking clients to provide automatic switching to recoupment (allotment reductions) when necessary, managing delinquent claims, receiving collections, reporting claim and collection information and managing the various types of monies owed DHS. The system also records the receipt of license fees, third party resource payments and other miscellaneous receipts.
Database System	Unisys RDMS 1100 and Sybase SQL Server
Development Language	Microfocus Intersolve, COBOL, APS, Perl, SQL
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*BUDGET AND REPORTING SYSTEM (BARS) (AX)*
Application Type	Agency Accounting
Application Description	This mainframe-based system is used to meet DHS' varied budgetary management needs statewide. Data from FMIS, the Automated Purchasing System and the Personnel/Payroll systems are elements of the System.
Database System	MAPPER
Development Language	MAPPER, COBOL, ECL, MF only
Sharing	None
Future	Replacement beginning 2001.

Application Name	*AUTOMATED PURCHASING SYSTEM (APS) (BP)*
Application Type	Agency Accounting
Application Description	This LAN-based system is used statewide to support the ordering, receipt and payment of goods and services for DHS and the HHS print shop. The system features a batch interface and a direct connection via the Internet to the General Services Commission, batch interfaces with BARS and FMIS, and an electronic purchase request for all employees statewide. The primary users are DHS purchasers and the budget officers.
Database System	AREV
Development Language	COBOL, ECL Advanced Revelation, DOS, MF/Dist
Sharing	None
Future	Will be replaced beginning in FY2001 with Integrated Administrative Systems.

Application Name	*COST ALLOCATION (FMIS) (CA)*
Application Type	Agency Accounting

Application Description	This system comprises one module of the Financial Management Information System (FMIS). The system supports Fiscal Division with five major functions: (1) daily cash requirements reporting, (2) periodic federal entitlement reporting, (3) cost allocation/method of finance (MOF) reporting, (4) on-line inquiry of summarized MOF and cost allocation results by program area, appropriation and PAC, and (5) cost allocation adjustment and MOF adjustment processing.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	Replacement beginning 2001.

Application Name	**_FISCAL REPORTING (CE)_**
Application Type	Agency Accounting
Application Description	Extracted data from FMIS is retained in a repository database for 36 months for forecasting, management and ad-hoc reporting in the Fiscal business area.
Database System	Sybase SQL Server
Development Language	COBOL, PowerBuilder, SQL
Sharing	None
Future	Replacement beginning 2001.

Application Name	**_FMIS CODES FILE (CF)_**
Application Type	Agency Accounting
Application Description	This system supports entry and update of Codes Files associated with the Financial Management Information System (FMIS). The Codes Files contain validation tables used by the four main subsystems of FMIS.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	Replacement beginning 2001.

Application Name	*COMPTROLLER INTERFACE/ DOCUMENT TRACKING (CI)*
Application Type	Agency Accounting
Application Description	The Comptroller Interface/Document Tracking (CIDT) sub-system supports Fiscal as the single interface point between DHS and the Comptroller's Office, and General Services Commission (GSC) for processing payment documents. The CIDT receives current payable transactions reports and produces magnetic pay tapes for GSC to use for checking regulation compliance, and/or the Comptroller's Office for warrant processing. Document tracking occurs as a by-product of this process. CIDT interfaces with other modules of FMIS for cash requirement planning, cost allocation/method of finance processing, and General Ledger accounts posting.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	Comptroller
Future	Replacement beginning 2001.

Application Name	*FMIS PROGRAMMER'S WORKBENCH (WB)*
Application Type	Agency Accounting
Application Description	Programmer's Workbench supports FMIS by providing programmers uniform, easy access to system software applications, by providing enforcement of FMIS application program standards, and by providing separate environments for development, test, training, and production.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	Replacement beginning 2001.

Administrative Systems

These systems support the functions of payroll, personnel record keeping, and management information reporting within established privacy guidelines. These systems also include agency facilities management, such as capital inventory and space management.

Application Name	*PERSONNEL/PAYROLL - HRMIS (AA)*
Application Type	Administrative
Application Description	This system includes the functions of payroll, personnel record keeping, required federal and state reporting, and management information reporting within established privacy guidelines for DHS. The primary users are state office and regional personnel staff and Fiscal Division's payroll section. The HRMIS system incorporates recently redesigned on-line inquiry and data entry processes with the existing nightly batch reporting process.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, Unisys DMS-1100, DPS-1100, MF only
Sharing	General Services Commission, Comptroller, various credit unions, TWC, ERS, Federal Reserve Bank of Kansas City (bond deductions), Social Security Administration - all by tape.
Future	Replacement beginning 2001 by Integrated Administrative Systems.

Application Name	*QRS – Personnel/Payroll (HRMIS) (AA)*
Application Type	Administrative
Application Description	This application allows Human Resources workers in State Office and Regional offices the ability to report on HR data
Database System	Sybase SQL Server
Development Language	PowerBuilder 4.0 (currently upgrading to PowerBuilder 5.0.03)
Sharing	None
Future	Replacement beginning FY2001 by Integrated Administrative Systems.

Application Name	**_MAPPER SYSTEMS FOR WINDOWS (MSW) APPLICATIONS (AY)_**
Application Type	Administrative
Application Description	Applications written in MSW: currently, EMSS and LBAT. EMSS (Executive Management and Support System) is an executive information system written for agency Executive Staff and their supporting staff (primarily budget managers). LBAT (Legislative Bill Analysis and Tracking) is used by budget and program policy staff to track state legislation and report the impact of such legislation upon the agency.
Database System	MSW
Development Language	MSW
Sharing	LBAT is also installed at HHSC.
Future	EMSS will probably be discontinued. LBAT will probably remain on MSW for the foreseeable future.

Application Name	**_MATERIALS AND SERVICES SYSTEM (BA)_**
Application Type	Administrative
Application Description	This mainframe-based system is used to control the system access for the automated business services systems.
Database System	None
Development Language	COBOL, ECL, MF only
Sharing	None
Future	Replacement beginning 2001.

Application Name	**_CAPITAL EQUIPMENT INVENTORY (BC)_**
Application Type	Administrative
Application Description	This system is used to manage DHS capital equipment inventory. The system provides extensive reporting to guarantee compliance with state and federal regulations and statutes, and departmental policies. This system interfaces with the Comptroller's State Property Accounting System (SPAS). The system includes bar coding capabilities on laptop computers to support physical inventory.
Database System	AREV
Development Language	COBOL, ECL, Advanced Revelation, DOS, Kermit, MF/Dist
Sharing	Comptroller
Future	Replacement beginning 2001.

Application Name	*DISTRIBUTION OF PRINTED MATERIAL (BD)*
Application Type	Administrative
Application Description	This mainframe-based system is used by DHS staff to control distribution instructions for large quantities of printed material issued to each departmental mail code.
Database System	Flat files
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*LEASING AND SPACE MANAGEMENT (BS)*
Application Type	Administrative
Application Description	This mainframe-based system is used to track and report on offices and buildings leased by DHS throughout the state. The primary users are staff in the State Office Business Services Department and the regional business offices.
Database System	Flat files
Development Language	COBOL, ECL, MF only
Sharing	None
Future	Scheduled to be replaced with a user-developed Visual dBase application.

Management Information Systems

These systems assist in the operation of the MIS shop. They include help desk software, an automated scheduler for the mainframe, LAN statistics, project management and database maintenance routines.

Application Name	**DATABASE MAINTENANCE (DB)**
Application Type	Management Information
Application Description	This system is used for general database administration activities, which support Unisys DMS & RDMS databases. Support includes backup/recovery, configuration changes, monitoring, problem resolution, etc.
Database System	Unisys DMS
Development Language	COBOL, ECL , Assembler, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**RDMS DATABASE ADMINISTRATION (DS)**
Application Type	Management Information
Application Description	This system is used for general database administration activities that support Unisys RDMS-1100 relational databases. Support includes backup/recovery, configuration changes, monitoring, problem resolution, etc.
Database System	Unisys RDMS
Development Language	COBOL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**PEREGRINE SERVICE CENTER - HELP DESK (G8)**
Application Type	Management Information
Application Description	Help Desk is an information repository used to log, route and document all calls to the MIS Service Desk. It is also used to perform change and asset management functions.
Database System	Proprietary database with interfaces to other SQL servers.
Development Language	Proprietary code, SQL
Sharing	None
Future	Expand and enhance inventory management capabilities.

Application Name	***ACQUISITION REPORTING & MANAGEMENT SYSTEM (ARMS) (G9)***
Application Type	Management Information
Application Description	This system tracks MIS purchase requests, orders, payments and contracts.
Database System	Sybase SQL Server
Development Language	PowerBuilder, SQL
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***TAPE RESOURCE MANAGEMENT (GB)***
Application Type	Management Information
Application Description	This system provides tape library resource management on all Unisys mainframes. GB supports all application programs.
Database System	None
Development Language	COBOL, ECL , Assembler, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***MIS COST ALLOCATION (GC)***
Application Type	Management Information
Application Description	This mainframe-based system is used to measure computer system utilization (system and TIP logs), Microman reports and data entry keystrokes to calculate MIS cost allocation factors for federal reporting.
Database System	MAPPER
Development Language	COBOL, ECL, MAPPER, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***SYSTEMS PROGRAMMING (GD)***
Application Type	Management Information
Application Description	This system designator is used for activities related to installing or changing system software, resolving and preventing systems problems, assuring good system performance, and the development of procedures and routines to ensure effective system utilization.
Database System	None
Development Language	COBOL, ECL , Assembler, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***PRODUCTION CONTROL SCHEDULER (ACT) (GF)***
Application Type	Management Information
Application Description	An automated batch processing tool for the mainframe systems. It automatically schedules and executes nightly or daily production runs.
Database System	None
Development Language	package, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***PRODUCTION CONTROL SCHEDULER (NAM) (GG)***
Application Type	Management Information
Application Description	An automated batch processing tool for the mainframe systems. It automatically schedules and executes nightly or daily production runs.
Database System	None
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**_SYSTEM MANAGEMENT ASSISTANCE (GH)_**
Application Type	Management Information
Application Description	This system provides catalogued information about computer reports maintained by the Fiscal Division.
Database System	None
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**_MIS COST RECOVERY (GJ)_**
Application Type	Management Information
Application Description	This system aggregates data from multiple systems to provide billing invoices to customers of MIS services, budget accounting data, federal cost recovery data, and project management information.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	**_HARDWARE UTILIZATION AND COSTING (GK)_**
Application Type	Management Information
Application Description	This system records and collects data on the activities and utilization of Unisys hardware. Reports are produced which show hardware utilization by system. This system enables the department to meet federal reporting requirements for the distribution of computer services among federal funding sources.
Database System	Unisys DMS
Development Language	COBOL, ECL, Macro , Assembler, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*LAN STATISTICS (GL)*
Application Type	Management Information
Application Description	This system compiles statistical information on LAN operations.
Database System	AREV
Development Language	COBOL, ECL Advanced Revelation, DOS, MF/Dist
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*PRODUCTION LIBRARY MANAGEMENT SYSTEM (PLMS) (GM)*
Application Type	Management Information
Application Description	This system supports mainframe software distribution by maintaining routines for staging, updating, dumping, monitoring, and restoring computer libraries on the mainframe development and production machines.
Database System	Unisys RDMS-1100
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*LAN SYSTEMS (GN)*
Application Type	Management Information
Application Description	System software and utilities for generic LAN services, operating systems, and an integrated application environment. This system includes a set of tools that provide an integrated LAN application environment. This system also automates nightly backups, electronic mail, statistics gathering, and software distribution.
Database System	AREV
Development Language	COBOL, ECL Advanced Revelation, DOS, MF/Dist
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*PC/LAN-BASED OA SYSTEM (OASYS) (GO)*
Application Type	Management Information
Application Description	Provides electronic mail, document creation, and related functions for anyone who has a LAN sign-on and access to a workstation on a standard DHS LAN. It is written in Advanced Revelation, and incorporates WordPerfect software.
Database System	AREV
Development Language	Advanced Revelation, DOS, Dist only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*COMMON USE LAN DIRECTORY (GENERIC SYSTEM) (GP)*
Application Type	Management Information
Application Description	Common or shared functions and items used by more than one network application, but not falling into the Infrastructure category. As the network applications become more numerous and complex, shared generic functions will save time and space on LANs. An example is a common MENUS location.
Database System	AREV
Development Language	Advanced Revelation, DOS, Dist only
Sharing	None
Future	Migration to Outlook/Exchange.

Application Name	*PATHVU MANAGEMENT SYSTEM (GQ)*
Application Type	Management Information
Application Description	GQ utilizes PATHVU COBOL Static Analysis Software to analyze productional COBOL programs. It generates semi-annual management reports that evaluate all COBOL programs listed in the DHS Source Library. GQ runs weekly updates to the Summary Statistical File. The management reports can be run at the division, section, unit or system designator level through hierarchical keys.
Database System	Unisys DMS
Development Language	Package, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*PROJECT CONTROL & COSTING - QUOTA SUBSYSTEM (GR)*
Application Type	Management Information
Application Description	The Quota sub-system is used to update mainframe system files and account codes, to enable mainframe run executions and production run scheduling, to allow mainframe system accounting, and to control the use of mainframe system resources. Primary users are MIS Systems and computer operations.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, MAPPER
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*PROJECT CONTROL (MANAGEMENT) AND COSTING - TIMEKEEPING (GR)*
Application Type	Management Information
Application Description	The Enterprise Project Management (MicroMan) sub-system is a commercial package used to capture work effort for MIS internal and customer system development projects. It is also used for federal cost allocation, tracking resource expenditures and managing resource allocation within the MIS project portfolio. Primary users are MIS managers.
Database System	Btrieve - Custom table structure
Development Language	Purchased Package (Microfocus Cobol)
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*PROJECT CONTROL (MANAGEMENT) AND COSTING - DSS EPM REPORTING (GR)*
Application Type	Management Information
Application Description	The Enterprise Project Management Decision Support sub-system extracts project and resource data from the EPM timekeeping system and provides a GUI interface for easier inquiry and reporting. It is used to create project status and resource expenditure reports for MIS internal and customers' system projects. Primary users are MIS and customer automation managers.
Database System	Sybase SQL Server
Development Language	SQL, PowerBuilder
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*SECURITY (GS)*
Application Type	Management Information
Application Description	This system is used to monitor computer security to minimize fraud, abuse, and/or damage to department hardware and software.
Database System	Unisys DMS-1100
Development Language	COBOL, ECL, Assembler, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*AUTOMATED BALANCING (GW)*
Application Type	Management Information
Application Description	An automated PC based SAVERR ledger routine developed by MIS. The routine collects batch processing control totals from the mainframe automatically and performs daily ledger and balancing tasks for MIS Production Control.
Database System	None
Development Language	COBOL, ECL, CHI Script, Excel macros, MF/Dist
Sharing	None
Future	No future replacement or retirement plans.

Application Name	*MIS DATE LIBRARY ACCESS (GX)*
Application Type	Management Information
Application Description	The system is a series of reusable modules to access designated functions of the Platinum Transcentury Calendar Routines Applications package
Database System	Unisys DMS
Development Language	COBOL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***COMPUTER PERFORMANCE MANAGEMENT (GY)***
Application Type	Management Information
Application Description	This system provides support for monitoring and reporting resource activity on the production, development, and mainframe computer systems and the statewide data communications network; and tuning and optimizing production application systems and Unisys systems software in support of all programs and administrative systems. This system also supports the MIS capacity planning and procurement functions.
Database System	Unisys DMS
Development Language	COBOL, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

Application Name	***MAPPER DBMS SOFTWARE (GZ)***
Application Type	Management Information
Application Description	This system accounts for use of the Unisys software package MAPPER. MAPPER is used for statewide and local office automation projects by personnel throughout state office and the regions.
Database System	MAPPER
Development Language	COBOL MAPPER, ECL, MF only
Sharing	None
Future	No future replacement or retirement plans.

TABLE 6 - INTERAGENCY DATA NEEDS

Currently, DHS shares a variety of data with both governmental and private entities, and has plans to expand this practice. Examples of these efforts include:

- ❑ ***Electronic Benefits Transfer (EBT)*** – The current system supports the issuance of food stamp and TANF benefits throughout the state and is the largest of its kind in the nation. In this system, DHS interfaces with a private vendor for the issuance of client benefits. As the State expands the use of the EBT and electronic funds transfer (EFT) technologies, DHS will engage in more data exchanges with other state agencies. No impediments are anticipated in an increase in interagency exchange of this data.

- ❑ ***Vendor Drug*** – This system, which MIS operates for TDH, interfaces with private switch vendors who supply systems to pharmacies across Texas. The Vendor Drug system operates 24 hours a day, seven day a week to authorize prescriptions for Medicaid clients. It is estimated that the system processes approximately 500,000 claims per week.

While these efforts are largely successful, access to and exchange of other data will be needed as DHS' program requirements change in response to state and federal legislative and administrative actions. Further, changes may also create a need for the utilization of DHS administered data by other state and local government agencies.

The following is a specific example of how DHS, its partners and its customers could benefit from changes in statute and/or rules regarding the transfer of data between governmental entities.

CRIMINAL HISTORY RECORDS

Item	State law requires DHS to check criminal history data on all long-term care facility and home health care agency personnel that provide direct care services.
Obstacles	DPS charges DHS $1 per inquiry to run criminal history checks; however, DHS is required by law to provide this information to LTC facilities and home health agencies at no charge. Currently, DHS requests approximately 380,000 criminal history checks per fiscal year. Discussion has occurred regarding requiring DHS to have criminal history records run on all facility and agency employees. Staff estimates that this practice would more than double the number of checks required per year. There has also been discussion regarding the need to perform federal criminal history checks. As with state checks, these would need to be performed through DPS.
Needed Assistance	As need increases, it would be helpful for DHS to be able to pass on the per inquiry charge of $1 to the information requestor.